IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Edwards et al.   GROUP: Unknown

SERIAL NO: Unknown   EXAMINER: Unknown
                (Continuation appln. of ser. no. 09/490,222)
FILED: Herewith

FOR: MACHINING SIMULATION METHOD AND APPARATUS

Mail Stop Patent Application
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

PRELIMINARY AMENDMENT

Preliminary to examination, please amend the above-identified application as follows:

IN THE CLAIMS:

1 (Original).   A method for machining simulation, comprising the

steps of:

(a) determining a plurality of regular volumes containing surfaces of an

object representing a raw stock;

(b) determining a subset of said plurality of regular volumes coincident with

a swept volume representing a tool movement;

(c) applying a pointer to each said regular volume of said subset, said pointer

referring to said tool movement.

2 (Original).   The method as claimed in claim 1, comprising the step:

(d)   repeating the steps (b) and (c) for each tool movement of a

predetermined plurality of tool movements.